

## EPSON EMP-7700 Specifications

<b>Model</b>	EMP-7700
<b>Projection System</b>	RGB Liquid Crystal Shutter Projection System
<b>Projection Method</b>	Front / Rear / Ceiling Mount
<b>Specification of Main Parts</b>	
LCD	
Size	1.3 inches (x3)
Driving Method	Poly-Silicon TFT Active Matrix
Pixel Number	786,432 dots (1024x768)x3
Native Resolution	XGA
Aspect Ratio	4:3
Pixel Arrangement	Stripes
Projection Lens	
Type	Manual : zoom / Focus
F-number	1.7 to 2.3
Focal Length	49 to 63 mm
Zoom Ratio	1:1.3
Lens cover	It's attached by the string
Lamp Type	200W UHE
Optical System	Dichroic Mirror Separation & Prism Combine Method
<b>Screen Size</b> (Projected Distance)	28 to 300 inch (1.0 to 14.5m)
<b>Keystone Correction Ratio</b>	19:1Fixed
<b>Brightness</b>	3000 ANSI Lumens
<b>Contrast Ratio</b>	400:1
<b>Brightness Uniformity</b>	85%
<b>Color Reproductivity</b>	Full Color (1,677 Million Colors)
<b>Sound Output</b>	3W + 3W
<b>Effective Scanning Frequency Range</b>	
Pixel Clock	14Mhz to 230Mhz
Horizontal	15KHz to 107KHz
Vertical	43Hz to 120Hz
<b>Adjustment Function</b>	
Projector / Remote Control	Keystone / Brightness / Contrast/ Tint / Sound / Input signal etc.
Tilt Angle	0 to 11 Degrees
Keystone correction	-30 to +50 Degrees
<b>Analog RGB I/O</b>	
Display Performance	
Native	1024 x 768 dots
Resize	1600x1200 / 1280x1024 / 800x600 / 640x480 dots
Input Signal	
Signal Type	Separate Signal
Video Signal	Analog (0.7Vp-p, 75Ω / Mac0.714Vp-p, 75Ω)

Sync Signal	Separation (positive & negative 1/5Vp/p) / Composite (positive & negative 1/5Vp/p) / Sync. on green (negative, 0.2/0.4Vp/p)
Audio Signal	500m Vrms / 47k
Input Terminal Video	Mini D-sub 15 pin x1 (Select with manual switch exclusive to DVI Type D) + 5BNC x1
Audio	Stereo Mini Jack (for Mini D-sub 15 pin) / RCA x 2 (for -BNC)
Output Signal Video Signal	Analog (0.7Vp/p, 75 $\Omega$ / Mac0.714/p, 75 $\Omega$ )
Sync Signal	Separation (positive & negative TTL) / Composite (positive & negative TTL) / Sync-on-green (negative, 0.2-0.4Vp/p)
Output terminal Video	Mini D-sub 15 pin x1
<b>Digital RGB Input</b> Display Native Resize	1024 x 768 dots 1280x1024 / 800x600 / 640x480 dots
Input Signal Video Signal Audio Signal Input Terminal Video	Digital 500m Vrms / 47k  DVI Type D x1 (Select with manual switch / Exclusive to D-sub 15)
Audio	Stereo mini jack
<b>Video I/O</b> Display Performance	NTSC : 550 Line    PAL : 550 Line
Input Signal Video Standard	NTSC / NTSC4.43 / NTSC 50 / PAL / M-PAL / N-PAL / PAL60 / SECAM
Video Signal	Composite Video (1.0Vpp / Sync. negative, 75 $\Omega$ ) / S-video (Luminous 0.714pp, Chrominous 0.286Vpp, 75 $\Omega$ ) / Component Video (Analog Y level 0.7V 75 $\Omega$ / CrCb level+ / -0.35V 75 $\Omega$ / sync. negative 0.3V or 3-state+ / -0.3V on Yz) / Video-RGB (0.7Vp/p, 75 $\Omega$ / MA)
Audio Signal	500m Vrms / 47k
Input Video	Composite Video: RCA x1 / S-video: Mini Din x 1 / Component Video: BNC x 3 / Video RGB: Mini Din-sub 15 pin x1

Audio	RCAx2 (for composite Video / S-video / component Video) / Stereo mini jack (for Video-RGB)
Output Signal Video Signal	Analog RGB (Composite Video, S-Video, Component Video, Video-RGB are Converted to Analog RGB) / Separate HV(TTL)
Output Terminal Video	Mini Dsub 15 pin x1 (Common with Analog RGB)
<b>Control I/O</b> Mouse / Serial I/O Terminal Mouse Input Remote Control Output	D-Sub9 pin (RS-232C) x1 Round 10pin x2 (PS/2, USB)  Stereo Mini Jack Stack Out
<b>Operating Temperature</b>	5°C to 40°C (41° to 104° F)
<b>Power Supply Voltage</b>	100-120V / 200-240V AC ±10%, 50 / 60Hz AC
<b>Power Consumption</b>	120V 3.4A 50/60Hz / 200-240V 1.7A 50/60 Hz
<b>Dimension</b> Exclude Projection Lens & Feet Maximum Dimensions	277 (W) x 143 (H) x 361 (D) mm 280 (W) x 156 (H) x 403 (D) mm
<b>Weight</b>	15.2lbs / 6.9kg
<b>Accessories</b>	Power cable (3m), Computer Cable (1.8m), Audio Cable (RCA Audio-Cable, 1.8m/3.5 mini-pin stereo audio-cable), Audio Video Cable (RCA Composite-video-cable 1.8m), Remote Control Unit, Battery (AA x 2), User's Manual, PS/2 Mouse Cable (Round 10pin-Mini-Din 6pin), USB Mouse Cable (Round 10pin-USB 4pin)